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# LIBERTY NATURAL PRODUCTS, INC.

*The Source for the Finest  
Pure and Natural Botanical Oils and Extracts*

## Section 1. Product and Company Identification

<b>Product Name:</b>	Organic Tulsi Distillate
<b>Product Code:</b>	9024
<b>Description:</b>	Distillate Water of Tulsi
<b>Product Use:</b>	Industrial
<b>Manufacturer:</b>	Liberty Natural Products, 20949 S Harris Rd, Oregon City, OR 97045 (800) 289-8427
<b>Emergency Phone:</b>	Liberty Natural Products: (800) 289-8427

## Section 2. Hazards Identification

<b>Category:</b>	Non-Hazardous
<b>Signal Word:</b>	None
<b>Ingestion:</b>	N/A
<b>Health Risks:</b>	N/A
<b>Eye Contact:</b>	N/A
<b>Skin Contact:</b>	N/A
<b>Environmental:</b>	N/A
<b>Pictograms:</b>	N/A

PRECAUTIONARY STATEMENT: N/A

## Section 3. Composition and Information on Ingredients

<b>Chemical Name:</b>	<i>Ocimum tenuiflorum l.</i>
<b>Physical State:</b>	Liquid.
<b>CAS #:</b>	8015-73-4
<b>Impurities:</b>	None.
<b>Trade Secret Claim:</b>	None.

## Section 4. First Aid Measures

<b>Eyes:</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin Contact:</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Inhalation:</b>	Remove to fresh air.
<b>Ingestion in excess:</b>	Clean mouth with water and drink afterwards plenty of water.

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<b>Emergency Care:</b>	Contact local emergency provider. For non-emergency, contact primary care provider.
<b>PPE:</b>	Gloves, lab coat or uniform, safety glasses, eyewash, safety shower.

### Section 5. Fire-Fighting Measures

<b>Flammability:</b>	Non-Flammable.
<b>Extinguishing Media:</b>	SUITABLE: CO <sub>2</sub> , sand, extinguishing powder NON SUITABLE: Water
<b>Special Fire-Fighting Procedure:</b>	None
<b>Unusual Fire and Explosion Hazards:</b>	Thermal decomposition can lead to release of irritating and toxic gases and vapors
<b>PPE and Precautions for Firefighters:</b>	N/A

### Section 6. Accidental Release Measures

<b>Personal Precautions:</b>	Ensure adequate ventilation, especially in confined areas
<b>Environmental Precautions:</b>	Contain the leak with earth or sand. Prevent from entering drains, sewers and water courses. If this cannot be done, advise the local authority.
<b>Containment:</b>	Prevent further leakage or spillage if safe to do so. Absorb with clay, sand, or other non-combustible material. Prevent entry into waterways, sewers, and confined areas.
<b>Clean Up:</b>	Disposal must be made according to official regulations. Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

### Section 7. Handling and Storage

<b>Handling Precautions:</b>	Handle in a well-ventilated area. Avoid spillage and eye contact (gloves and goggles recommended). Do not eat, drink or smoke while handling.
<b>Storage Precautions:</b>	Keep container tightly closed in a dry and well-ventilated place. Keep refrigerated.
<b>Other:</b>	See Section 8

### Section 8. Exposure Controls/Personal Protection

<b>Engineering Controls:</b>	Keep away from foodstuffs, beverages and feed. Avoid contact with the eyes.
<b>Respiratory Protection:</b>	Assure a good ventilation of work place. Use suitable respiratory protective device in case of insufficient ventilation.
<b>Hand Protection:</b>	Wear protective gloves.
<b>Eye Protection:</b>	Avoid contact with eyes. Wear safety glasses with side shields (or goggles).
<b>Skin and Body Protection:</b>	Wear suitable protective clothing.

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<b>Ingestion:</b>	Do not eat, drink and smoke while using.
<b>Industrial Hygiene:</b>	Provide ventilation of the work place to reduce concentrations of the vapor and product.
<b>OSHA Permissible Exposure Limits (PELs):</b>	N/A
<b>ACGIH Threshold Limit Values:</b>	N/A

### Section 9. Physical and Chemical Properties

<b>Appearance:</b>	Colorless liquid
<b>Upper/Lower Flammability:</b>	N/A
<b>Odor:</b>	Smells like licorice and basil
<b>Vapor Pressure:</b>	N/A
<b>Odor Threshold:</b>	N/A
<b>Vapor Density:</b>	N/A
<b>pH:</b>	3.5 to 6.5
<b>Relative Density:</b>	N/A
<b>Melting Point:</b>	N/A
<b>Freezing Point:</b>	N/A
<b>Solubility:</b>	Soluble in alcohols and water
<b>Initial Boiling Point and Boiling Range:</b>	212°F / 100°C
<b>Flash Point:</b>	Not flammable
<b>Evaporation Rate:</b>	N/A
<b>Flammability Category:</b>	N/A
<b>Partition Coefficient:</b>	N/A
<b>Auto-ignition Temperature:</b>	N/A
<b>Decomposition Temperature:</b>	N/A
<b>Viscosity:</b>	N/A
<b>Specific Gravity:</b>	1.00 at 40°F

### Section 10. Stability and Reactivity

<b>Stability:</b>	Stable under normal circumstances. Avoid heat and ignition sources.
<b>Avoid:</b>	Do not leave containers open to the air. Avoid storage at elevated temperatures and sources of ignition.
<b>Incompatibility:</b>	Will react with oxidizing agents.
<b>Hazardous Byproducts:</b>	On combustion may produce smoke, carbon monoxide and carbon dioxide.
<b>Other:</b>	None

### Section 11. Toxicological Information

<b>Toxicological and Health Effects:</b>	Not determined
<b>Likely Routes of Exposure:</b>	Eyes, nose, mouth, skin.
<b>Signs and Symptoms of Exposure:</b>	May cause eye and skin irritation
<b>LD50 (median lethal dose):</b>	N/A
<b>Listed NTP Carcinogen:</b>	N/A

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INGESTION: N/A

**Section 12. Ecological Information**

TOXICITY: See Section 2  
PERSISTENCE / DEGRADABILITY: No information available.  
BIOACCUMULATION POTENTIAL: No information available.  
RESULTS OF PBT AND vPvB ASSESSMENT: No information available.  
MOBILITY IN SOIL: No information available.  
OTHER ADVERSE EFFECTS: Do not allow product to reach ground water, water course or sewage system. Harmful to aquatic organisms. The product contains materials that are harmful to the environment.

**Section 13. Disposal Considerations**

Disposal Containers: Vapors may collect in empty containers. Rinse or evaporate thoroughly.  
Waste Disposal: N/A  
Special Considerations: Must be specially treated adhering to official regulations.

**Section 14. Transport Information**

UN Number: N/A  
UN Shipping Name: N/A  
Transport Hazard Class: N/A  
Packing Group Number: N/A  
Stowage and Handling: N/A

**Section 15. Regulatory Information**

Product Regulations: N/A

**Section 16. Other Information**

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*This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.*

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